THE TECH

DAILY

VOL. XXIX. NO. 58. BOSTON, MASS., MONDAY, DECEMBER 6, 1909 PRICE ONE CENT

NEW CATALOGUE READY FOR DISTRIBUTION

Larger Enrollment And Fewer Specials Than Last Year

The new catalogue is out and will be ready for distribution this week. Although the freshman class is smaller than last year seventeen more students are enrolled but there are twenty-five fewer specials. There are 4127 living graduates located from Transvaal to Russia and from Argentine to Nova Scotia. At least one Technology graduate may be found in every state and nearly every nation on the map. Several new alumni associations are reported. There are 1479 under-graduates.

A new course in Electro-Chemistry listed as Course XIV takes the place of Course VIII, Option III. This course embraces a very thorough training in electrical and chemical subjects and, in the fourth year, instruction in distinctly professional work.

The most marked changes occur in Course III. In the second year Mineralogy has been omitted giving sixty hours of recitation in the first term. This time is added to Qualitative Analysis and English Literature. Physical Laboratory and Precision of Measurements are substituted for Stratigraphic Geology in the second term. In the third year, Economic Geology and German are no longer required and the time thus available is given to Assaying and Quantitative Analysis, making twelve hours a week in the latter subject, in the second term of this year.

German is also omitted from the Architectural course. Perspective and Water Color being taken instead in the second year. Several minor changes are also noted. In Course VI, Economics of Corporations is given in first instead of the second term of the fourth year.

The catalogue also states that no Summer School of Mining was held last summer because too few applied for it. This may be explained by the recent policy of securing positions in mines or metallurgical works for the students during the vacation. The Faculty consider that a whole summer spent in practical work is more profitable than a few weeks visit to different plants. Students in this course are now expected to work at a mine, mill, or metallurgical plant during one of the summer vacations and, it has been decided not to hold any Summer School, either of Mining or Metallurgy, unless applicants are received from at least six students.

—The Harvard House at Stratford-on-Avon, England, the home of the founder of Harvard University, was formally opened last month by Whitelaw Reid, American Ambassador to Great Britain. Harvard University has been given its full possession. Restored to its original condition, it will be kept as a free resort for American tourists.

—Following the claim of the University of Pennsylvania Medical School that it was the first medical school in America, Professor James J. Welsh of the Fordham University Medical School states that Pennsylvania had been anticipated by nearly two centuries by the Medical School of the University of Mexico.

—The final football game between the Harvard seniors and juniors has been cancelled.

INDOOR TRACK WORK TO COMMENCE DEC. 13

Freshmen Hard At Work Preparing For Indoor Class Meet

"If all the men who should turn out, do report; and if they work hard and conscientiously, we certainly have a chance to win the Inter-collegiate Meet. But there is nothing to boast of and the only way to have a good team in the field is to have plenty of candidates."

This is what coach Frank Kanaly said about track possibilities for the coming season. On next Monday, December 13, he will issue the first call for candidates for the indoor track team, and expects every man who is going to come out for the team to work all winter indoors. This includes all men who are thinking of entering the B. A. A. Meet, the Troy Meet, the Indoor or the spring class meets.

In as much as a great many freshmen are substituting track for gymnasium work this year, there should be a good number of candidates for all the various positions from their class. For it should be understood that in track work freshmen are permitted to enter all events. It may be a good plan to say a few words on the freshmen candidates.

1913 men are now hard at work. Every evening a squad is sent out by Mr. Kanaly for a short run. As the weather grows colder, this work will be changed to indoor running. The freshmen who are now at work will start in soon under the guidance of the cross-country men to round into shape for the indoor class meet. H. G. Watkins 1912 and H. S. Benson 1912, two of the cross-country men will soon take charge.

It is almost impossible to rank the men in any way but it is a good sign that most of the men who ran on the 1913 team on field day are now working at the gym. In all about forty-five men have reported.

Coach Kanaly says that one of the most encouraging things that he has noted is the large number of men out for the shot-put. From the Freshman class alone there are four: H. L. Birchard, W. N. Eichorff, J. E. Lanning, and G. T. Lane.

The program for indoor work is not extensive. This is mainly on account of the Christmas and Midyear vacations coming in the middle of the season. The first event of importance is the Indoor class meet. This comes on Friday evening, January 14. It will be a scratch meet and the points count for each class which runs separately. These points and those of the Spring Class Meet are added together and the class making the highest score have their numerals inscribed upon the cup presented by Major Briggs.

The team also goes into the B. A. A. meet. The relay team usually runs and any men who wish to enter are at liberty to do so. This is a handicap meet and all men stand an equal chance of winning. The 390 relay will suffer the loss of Captain Gram, who graduated last Spring and A. L. Moses 1910, who left the Institute. The team last year was one of the best indoor relay teams the Institute has ever put out. At the B. A. A. meet they easily defeated Syracuse and made the best time of the evening. On February 22 at Troy they broke the intercollegiate record.

There will, however, be a great many good men out and a team should be

(Continued on page 3.)

HOCKEY TEAM SOON TO START PRACTICE

Many Freshmen To Come Out For Team--Extensive Schedule

According to Manager Billings prospects are exceedingly bright for the Institute's hockey team this year. Many of last year's men are back and will play on the team this year. They include W. J. O'Hearn 1910, R. H. Gould 1911, and J. H. Scoville 1911 as forwards and A. A Gould 1910, P. W. Taylor 1910, H. D. Billings 1910 and Van Court Warren 1910 for the defencee.

The following 1913 men have also signified their intentions of coming out for the team, S. M. Baxter who played on Utica Free Academy's team last year, K. D. Hamilton from Medford High School, W. H. Leather from Quincy High School, C. T. Lane from Searles High School, H. G. Burnham from Cambridge Latin School, W. D. Stevens from Chauncey Hall School, W. A. Mahoney, Hope Street, Providence, and William Johnstone from Milton High School. All these men have been successful players on their respective preparatory school teams.

Practice in defensive playing will be soon started in the gym. Manager Billings has arranged the following extensive schedule:

December 24—Cresents at Boston.
January 1—Dartmouth at Boston.
January 5—Harvard at Stadium.
January 8—Brae Burn at Brae Burn.
January 15—Andover at Andover.
January 21—Amherst at Boston.
January 29—Brown at Boston.
February 2—Yale at New Haven.
February 3—Columbia at St. Nicholas Rink.
February 4—Carnegie Tech. or Princeton at St. Nicholas Rink.
February 5—West Point at West Point.

TO TAKE N. Y. TRIP

Basket-Ball Team Has A Very Extensive Schedule

Technology's 'varsity basket ball team has one of the hardest schedules in years this season, playing Dartmouth, Tufts, Williams, Brown and a number of other smaller college fives. During the mid-year vacation in February the squad will take the usual New York trip, playing Rochester University, Conesus College and Niagara University.

The schedule follows:

Jan. 5, Tufts at Medford; Jan. 8, Lowell Tetile Sexhool at Technology; Jan. 11, Dartmouth at Hanover, N. H.; Jan. 15, Brown at Providence; Jan. 19, Williams at Williamstown; Feb. 1, open to any western New York team; Feb. 2, Niagara at Niagara, N. Y.; Feb. 4, Conesus at Conesus, N. Y.; Feb. 5, Rochester University at Rochester, N. Y.; Feb. 9, Tufts at Technology; Feb. 12, open; Feb. 16, Brown at Technology; Feb. 19, Rhode Island College at Providence; Feb. 24, Lowell Textile school at Lawell; Feb. 26, University of Maine at Technology.

—Among the points brought out by Elbert Hubbard in a speech at Purdue were injunctions to eat less, breathe more, work hard, study an hour a day, and have a hobby.

PROF. W. T. SEDGWICK TO SPEAK TONIGHT

He Will Address Society Of Arts At Their Meeting In Hunt Hall

Prof. Wm. T. Sedgwick is the speaker for the 63d meeting of the Society of Arts, which will be held in Huntington Hall on December 6th. Prof. Sedgwick has taken a subject on which he is considered an expert. He is a pioneer in sanitation work and perhaps the first authority on hygiene and sanitation in the country. He is co-author of one of the foremost texts on physiology and hygiene, "The Human Mechanism," and his word on all such matters carries much weight. "The Sanitary Disposal of City Wastes" is the subject of the lecture. Much has been done to awaken the public to dangers which can be prevented by the scientific disposal of waste products, and the secretary of the Society considers an address on this subject as decidedly timely.

Prof. William H. Pickering 1879, of Harvard College Observatory, speaks at the 664th meeting, which comes on Dec. 16th. Prof. Pickering is a noted astronomer who has given particular attention to the study of the moon. The subject of his lecture will be "The Moon as a Living Planet." The members of the Society consider themselves extremely fortunate to have this opportunity of hearing a man who is so eminent an authority on matters astronomical.

Among the other lecturers who have consented to speak before the Society are the following:

Prof. J. A. Jaggar, Jr., will speak some topic connected with the chemistry of every-day life.

Prof. Charles R. Cross will lecture on "The Experimental Evidence on which Modern Views of the Nature of Electricity are Based."

Dr. Harvey W. Wiley, chemist of the Department of Agriculture, will speak on the operation of Pure Food laws.

Prof. J. A. Jaggar, Jr., will speak on "Japanese Volcanoes."

TO HOLD A DINNER

British Empire Ass'n Plan To Have One Week Of Dec. 13

At a meeting of the British Empire Association yesterday it was decided to hold a dinner during the week of December 13th.

C. F. Reilly of Colgary, Alberta was elected a full member. Pres. Maclaurin was elected an honorary member, as was also Mr. M. L. Mackenzie of the instruction staff.

The following men were appointed a committee to arrange the coming dinner: L. M. Sandstein 1912, B. H. Morash 1912, and H. R. L. Fox 1912.

CALENDAR.

Monday, December 6.

1911 Prom. Com. polls open.
4.15 Gym team Practice.
Basket Ball practice.

Tuesday, December 7.

8 P. M. Mech. Eng. Society Meeting.

Wednesday, December 8.

4.00, Hockey Practice at gym.
4.15, Gym Team Practice.
Basket Ball Practice.

THE TECH.

Published daily except Sunday during the college year by students of the Massachusetts Institute of Technology.

Entered as second class matter Sept. 29, 1909, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

General Manager,
R. H. Ranger 1911

News Board.
D. P. Gaillard 1911 ....Editor-in-Chief
A. L. Fabens 1910 ....Institute Editor
J. I. Murray 1912 .....Athletic Editor
G. M. Keith 1912 ....Exchange Editor
N. McL. Sage 1912 .....Society Editor

Business Board.
N. DeForest 1911.....Business Manager
D. N. Frazier 1911, Circulation Manager
H. Merrill 1912 ...Advertising Manager

Advertising Associate.
R. M. Barton 1911 .. Asst. Adv. Mgr.

Circulation Associates.
S. C. Neff 1912 .....Mailing and Dist.
H. D. Kemp 1912 .....Posters
A. Yereance 1911 .....Notices

Monday Issue,
M. A. Oettinger 1912 .... Assoc. Editor
P. M. Tyler 1912 .....Asst. Editor
T. E. Senior 1913 .....New Staff.

All communications regarding advertisements should be addressed to the Business Manager. Regarding subscriptions address the Circulation Manager.

Subscriptions within the Boston Postal District and outside of United States must be accompanied by postage at the rate of one cent for each copy.

Subscription $1.50 per year in advance
Single Copies 1 Cent.

Printed by Puritan Linotype, Boston

BOSTON, MASS., DECEMBER 6, 1909.

COMMUNICATIONS

To the Editor of The Tech

The state of absolute ignorance in which the average Tech man seems to exist regarding the methods of work in other departments, than those in which he belongs, appears to have become little less than proverbial. Only today a man was showing a friend the Architectural Department, and his statements, made in my hearing regarding the methods of working out designs, the aim and scope of the instruction given, the study and use of books and photographs in the library could not have been more inaccurate and misleading if they had intentionally been made so. This great lack of knowledge of the methods of the departments has always seemed to me characteristic of the spirit of the average Tech man towards the Institute in general. Content to do the daily work assigned to him for the sake of getting a good mark on his report, never stopping to consider that work in its broad relation to the work of other courses of study, the average student at the Institute is like a man who plods along in the narrow road in a valley, never climbing the hills on the side to see the relation which his path has to the path of others and so to broaden his outlook on life.

W. F. Dolke, Jr., 1908.

To the Editor of The Tech

This Union of ours is, as far as social value is concerned, altogether the most precious possession we have. Consider what it already means to many of us and then think what it may mean in time to come. About this Union will grow all the traditions and all the sentiments which will individualize the student body of the Great Institute of the future. Is it not then our duty to keep his social core wholesome, and clean, and undefiled?

To walk into the card room during the lunch hour is to walk into an atmosphere vile with tobacco fumes and with language unbecoming of gentlemen. In the study rooms too boisterous and unfitting language is altogether too common. Then again, there are times when card playing is most decidedly out of place, and one of these times is just before the Friday evening entertainment. The speaker on these occasions is the guest of the whole student-body, and he should be made to feel that he is a welcome visitor at a gentlemen's club, and not one who is interrupting a game of cards.

The remedy of these abuses cannot be affected by any committee or elaborate set of rules; all that is necessary is a little consideration on the part of the men who use the Union. Precious as it is few men appreciate the value of this place to themselves or to the Institute. They use the rooms as a matter of course never considering that theirs is the responsibility of determining the future of the Union, and to a large extent, the future of social life at the Institute.

L. R. 1910.

HORNET'S NEST

What Mrs. Wilham would class as a "terrible hazing" was suddenly heard overhead, and a moment later something came down the intervening stairs six at a time. Then Billiken's apprehensive face appeared at the door, soon followed by the thorax abdomen and complementary members of that worthy.

"Fellow Countrymen," said he, I have here a lyric of my own composition which will make every confident competitor in the competition convulse like a catenary. Harken ye!" And Merry Sunshine threw out the aforesaid thorax and began:

"Oh, Prexy he's a lively chap
He digs in with a vim!
And just because he does 'em all
He thinks we're all like him.
Chorus:
So now what must we do?
We gotta havva crew!
With every oar of six inch bore
Trim Crimson and the Blue.
Hydraulics will be studied
In the Basin near at hand
In boat racing as on the track
We'll keep up with the band!
Chorus:
So now what must we do?
Why, man step out a few!
Our crew will chew up one or two
Until they yell——!
Ouch! Mike!! Whew!!!"

Three books, a couple of slippers and an innumerable number of pillows really anticipated the proper period for applause.

"Oh you Orpheus!" yelled Dick," you for the cheering section!" and it was some minutes beefore the rough-house which had originated upstairs had subsided.

The incident evidently recalled to Cad some memories of old Cadonia, for we heard him a little later crooning in his room some such strain as this:

"Johnny Rock, Johnny Rock,
You have given us a lake
Can't you hear the breakers break?
Johnny Rock, Johnny Rock,
Johnny, Johnny, oh you're bonny
Johnny Rock."

—Poe.

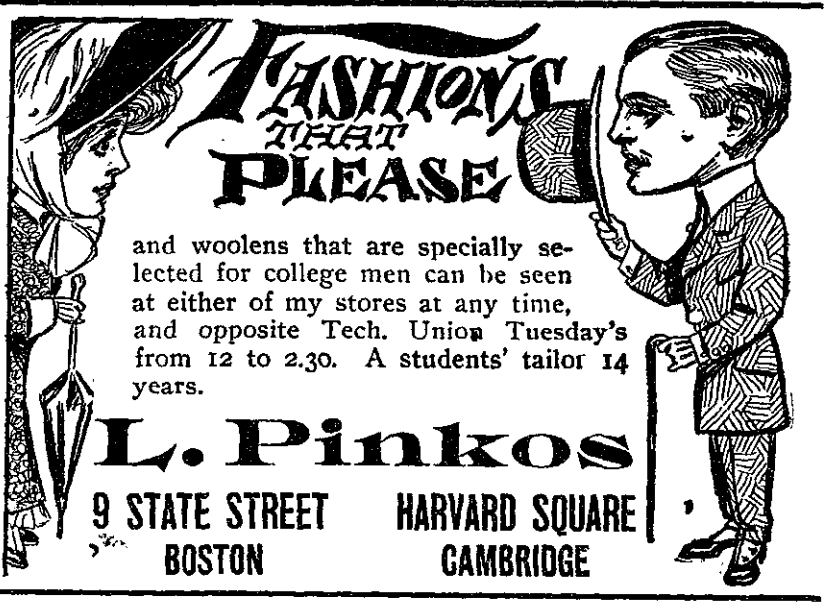
That powerful winds must exist is evident when the temperature conditions, constant sun on one side and perpetual night on the other, are considered is also evident by the polish which miles of the surface present on the boundary between night and day.

Another phenomenon now explained is the gleam which the dark portion of the disk presents when looked at with a telescope. As it has no moon or such luminary to shine on it this must, it is now agreed, be due to star-light shining on a mass of glacial ice coating the side away from the sun.

The picture thus presented of Venus is certainly forbidding, one hemisphere torrid desert, the other deserted ice.

FOWNES
on the clasps means quality in the
GLOVES

HAVE YOU TRIED THEM?
TASHA Turkish Cigarettes
They are fine in flavor and smooth.
The most perfect blend you ever smoked.
15 CENTS PER PACKAGE OF 10.
Try a box TODAY and see for yourself.
In Packages of 100 at $1.25 make a Christmas Gift that will be appreciated and enjoyed.
ESTABROOK & EATON, Distributors.
On Sale at the Cage.



and woolens that are specially selected for college men can be seen at either of my stores at any time, and opposite Tech. Union Tuesday's from 12 to 2.30. A students' tailor 14 years.
L. Pinkos
9 STATE STREET BOSTON
HARVARD SQUARE CAMBRIDGE

BACK BAY BRANCH
State Street Trust Co.
130 MASSACHUSETTS AVENUE, BOSTON
Credits interest monthly on accounts of $300 and over.
MAIN OFFICE: 38 STATE STREET

OWN A TYPEWRITER
If you haven't the cash we sell you one on
EASY PAYMENTS
WE HAVE ALL MAKES AND ALL PRICES
MODEL TYPEWRITER INSPECTION CO.
165 DEVONSHIRE STREET 26 ARCH STREET

SMULLEN & CO.
TAILORS
51 SUMMER ST., cor. Chauncey St.
Highest Grades : Popular Prices

AT THE THEATRES

Foston—"The Circus Man." Matinees at 2. Evenings at 8.

Hollis—Hattie Williams in "Detective Sparkes." Matinees at 2. Evenings at 8.

Castle Square—"The Taming of the Shrew." Matinees daily at 2. Evenings at 8.

Colonial—Max Rogers in "The Young Turk." Matinees at 2. Evenings at 8.

Tremont—Elsie Ferguson in "Such a Little Queen." Matinees at 2. Evenings at 8.

Keith's—Vaudeville. Matinees daily at 2. Evenings at 8.

Globe—"The City." Matinees at 2. Evenings at 8.

Park—"A Gentleman from Mississippi." Matinees at 2. Evenings at 8.

Majestic—Maxine Elliot in "Deborah of Tod's." Matinees at 2. Evenings at 8.

American — Vaudeville. Matinees daily at 2. Evenings at 8.

Boston Opera House—Grand Opera. Matinees at 2. Evenings at 8.

"THE DOPESTER"

Hockey Defence Practice, Wedneseday!

1912 vs B. U., Tuesday.

QUESTIONS and ANSWERS.

Dear "Dopester":

Will you be kind enough to oblige me and let me know "who in H—," you are?

Yours sincerely,

J. S. L.

J. S. L.—That is certainly a very questionable question, and I feel obliged to tell you to go there and find out. Write again.

My Dear "Dopester":

What team was second in the I. C. A. A. A. race last year. A friend of mine says, that Syracuse was second, while I say that Technology was second who is correct? Thanking you for the information, I am,

Yours truly,

R. A. H.

R. A. H.—Technology, by the score was second place last year, but as Technology was not a member of the association they received no official standing.

Syracuse was officially in the second place position, but counting the scores, and inserting Technology, the first six positions were:

Cornell	30
Technology	100
Syracuse	101
Harvard	103
Yale	116
Michigan	125

INTERCOLLEGIATE NEWS

—It is said that the Yale athletic authorities will grant the "Y" to President Taft this year.

—"The Duchess of Malfi" will be presented by the Coburn Players at Brown University, on January 7 or 8.

—At George Washington University the weekly publication is called The Hatchet; the annual is called The Cherry Tree.

—"Haverford Union," a new building at Haverford, has been opened as a center for religious and social life among the undergraduates.

INDOOR TRACK WORK

(Continued from page 1.)

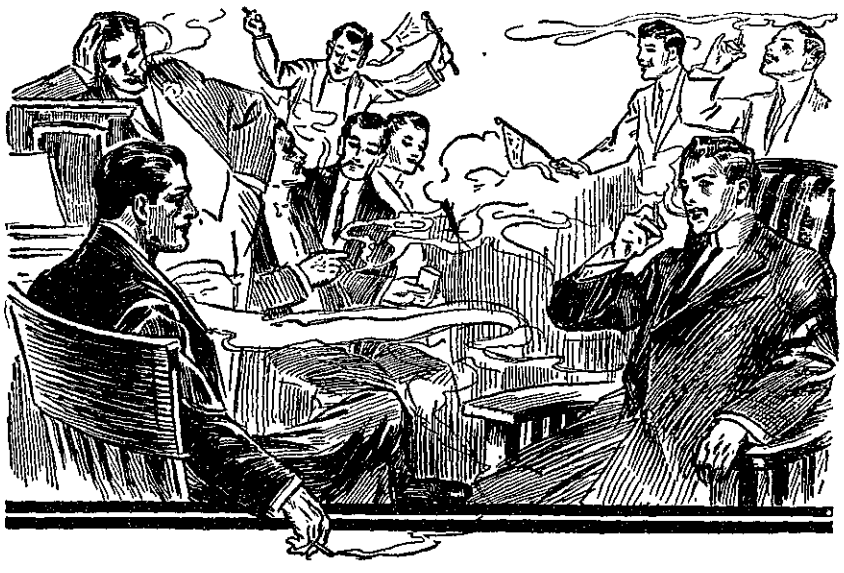
picked that will repeat the performance of last year. W. C. Salisbury 1911 and K. D. Fernstrom 1910, who ran last year are still in the Institute and will prabably be out. Other good men who run this distance are H. Locket 1910, P. D. White 1911, R. H. Gould 1911, M. A. Oettinger 1912, and S. E. Reed 1912.

There is also a two mile relay team, each man running a half mile, which competes every year against Tufts at the Lawrence Light Guards Meet.

Two of the men who ran have left the Institute but we have developed some good middle distance men since then. H. S. Benson and .. P. Eldred are still running and with P. D. White 1911, K. Cartwright 1912, and H. G. Watkins we will repeat the victory.

FATIMA TURKISH BLEND CIGARETTES

20 for 15 cts.



Smoke. Reminiscences. Clever stories. All good fellows. Cigarettes in order.

Of course they're Fatimas.

The mild flavor climaxes the climax. The rare blend of Turkish tobacco just suits. The mellowing process has made it perfection.

The package is economical and you get ten extra cigarettes.

THE AMERICAN TOBACCO CO.

Fall Clothes

FOR GENTLEMEN

Highest Order of Tailoring, yet Ready to Slip Into.

Suit or Overcoat $25 to $50

FINEST OF FURNISHINGS, ALSO

Ely Meyer & M. C. Simon

T. Henry Clarkson, Manager.

WASHINGTON AND FRANKLIN STREETS.

Tel. 1597-1 B.B.

MISS SAWYER

MULTIGRAPHING TYPEWRITING

486 BOYLSTON ST., Opp. Rogers Bldg.

VISIT THE NEW STORE

BUILT ESPECIALLY FOR YOU.

DRAFTING INSTRUMENTS, PAPERS, TRACING CLOTH, TRIANGLES, T SQUARES, SLIDE RULES, PENCILS, ETC. PAINTS, VARNISHES AND HARDWARE.

At Lowest Price

210 CLARENDON ST.

ALSO

82 and 84 WASHINGTON ST.

Catalogues Free

Wadsworth, Howland & Co.

Incorporated

McMORROW

College Shoes for College Men

238 Washington Street, Boston, Mass.

OPPOSITE YOUNG'S HOTEL

STATIONERY

Fraternity Stationery.
Engraved Invitation,
Reception and Visiting Cards.
Banquet Menus.
Coats of Arms, Crests and Monograms.
Students' Supplies.

Ward's SAMUEL WARD CO., 51-63 Franklin St., Boston.

ODIN FRITZ

PHOTOGRAPHER,

Calls special attention of Technology students to the excellency of his work.

304 Boylston Street.

Castle Sq. Daily 2 and 8 Tel. Tremont 5

John Craig Stock Co. in THE TAMING OF THE SHREW

Prices 15c., 25c., 50c., 75c.

Down-town Ticket Office, 15 Winter St.

HIGGINS'

Drawing-Inks
Eternal Writing-Ink
Engrossing-Ink
Taurine Mucilage
Photo-Mounter
Drawing-Board Paste
Liquid Paste
Office Paste
Vegetable Glue, Etc.

Are the Finest and Best Inks and Adhesives. Emancipate yourself from the use of corrosive and ill-smelling inks and adhesives and adopt the *Higgins Inks and Adhesives.* They will be a revelation to you, they are so sweet, clean, and well put up.

At Dealers Generally.

CHAS. M. HIGGINS & CO., Mfgrs.
Branches: Chicago, London
271 Ninth Street, Brooklyn, N.Y.

HERRICK TICKETS ALL THEATRES

COPLEY SQUARE

Telephones 2329, 2330 and 2331 BackBay

Fall and Winter Novelties

C. A. Patten & Co.

MERCHANT TAILORS

43 Tremont St. Carney Bldg.

Nobby Suits at Popular Prices

ROWAN & CURRY

THE TECH BARBERS

Special attention paid to students at M. I. T.

In the New Chauncey Hall Building
585 BOYLSTON STREET
Opp. Copley Square

GEO. H. ELLIS CO.

Printers

No. 272 CONGRESS STREET

BOSTON, MASS.

Phone' 1549.

Miss M. F. Fiske

THE RED GLOVE SHOP

322 Boylston St., opp. Arlington

is showing a handsome shade in men's chamois gloves at $1.50 a pair. Other makes at this price are Fownes and Dent's in the popular cape leather in handsome shades of tan.

MORSE & HENDERSON

TAILORS

18 BOYLSTON STREET, - - - BOSTON

Tel. Oxford 99 Rooms 14-15.

THE LATEST NOVELTIES FOR FALL AND WINTER FOR COLLEGE MEN.

THE TECH
has Credit, that will be sold at a discount, with stores selling the following articles

Men's Furnishings
Tailors
Shoes
Hotel Due Bills
Fountain Pens

"THE LITTLE PLACE 'ROUND THE CORNER"
COPLEY LUNCH
QUICK SERVICE

OLD ESTABLISHED
DINING ROOM
A. G. COTTON, Propr.
33 St. Botolph St.
Best Board in Back Bay.
Reasonable Rates.
We make a specialty of serving Tech Students.

"IT PAYS TO PLEASE."
FOLLOW THE CROWD.
COME AND INCREASE THE ATTENDANCE AT THE UNION. WE WANT TO PLEASE! THAT IS WHAT WE ARE HERE FOR.
TECH UNION.

Trinity Court Petit Lunch

Preston's
Coffee House
Open All Night.
1036 BOYLSTON STREET, BOSTON
Telephone 2206-1 B. B.

BOSTON DAIRY
LUNCH
COR. BERKELEY & BOYLSTON STS.
Specials Every Day.
All Home Cooking. Moderate Prices.
Cigars and Cigarettes.

COLLINS & FAIRBANKS CO.
YOUNG MENS HATS
FOR ALL OCCASIONS
381 Washington St. Boston

GENERAL NOTICES.

Course X. Hydraulics Lesson for Tuesday, Dec. 7, Arts 35-36-37, 58,59 GEO. E. RUSSELL.

PENNA CLUB.—There will be a dinner of the Penna Club at the Union Wednesday, Dec. 15, at 6.30. Tickets 50 cents. All men from Pennsylvania are urged to attend.

The Point System Committee will consider suggestions regarding change in system made by authorized members of societies if received at P. O. Box 62, Back Bay Station before Tuesday, Dec. 7th.

1911.

1911 Dues may be paid to me at the Union between 1 and 2 every day.
E. A. NASH, Treas.

1913.

Football team meet at Marcean, the photographer, 160 Tremont St., at 3.20 P. M. Wednesday, Des. 11th. Bring football togs.

FOR SALE.

Pair of Barney & Berry best hockey skates, bolted to shoes size No. 8. Whole combination in excellent condition. For sale at a reasonable price. Leave note at Cage for Yereance or see him in the Tech office. 58,59,60,61

Two nicely furnished sunny double front rooms, hot and cold water, use of telephne. Call or telephone 2696-2 B. B. 59, 59 12 Durham St.

Board and rooms for three students with private family, eight minutes' walk from the Institute. Light, well-furnished and homelike double rooms with board, six dollars per week.
MRS. K. G. JEWELL,
73 Montgomery St., Boston.

Rooms and excellent board in a private family. Well lighted, sunny rooms, modern house convenient to steam and electric cars. G. M. Stone, 1358 Walnut St., Newton Highlands. 57, 58, 59

1911.

Ballots for the Junior Prom. Committee election were mailed yesterday. Any men who did not receive them at heir home address, will doubtless find them at the Cage. If not, ask Charlie for a ballot.

Remember that the polls close Thursday, Dec. 9, at 4.00 P. M. Don't forget to vote!

Mr. W. H. Blood, Jr., Stone and Webster Corp., will address the Electrical Engineering Society on the subject "The Kind of Men Wanted as Electrical Engineers," Tuesday, Dec. 7. Meeting in the lower room of Union at 7.30.

Desirable Rooms for students, furnished or unfurnished, open fires, private baths. Rooms at $4.00 to $10.00 per room. Five minutes' walk from the Institute. Apply Business Manager, The Tech.

THE NEW AMERICAN HOUSE BOSTON
VISIT THE RATHSKELLER
A homelike, first-class hotel, proud of New England traditions, dating from Gen. Warren, yet newly furnished with every comfort & convenience
Long distance phone and hot and cold water in every room. Kept constantly clean by our vacuum plant. Rooms $1.00 a day and up.

J. C. LITTLEFIELD
HIGH CLASS TAILOR
Smart and effective fabrics; the latest texture and the most fashionable shades; prices that are right.
DRESS CLOTHES A SPECIALTY.
12 Beacon Street, Boston

OLD COLONY TRUST COMPANY
Capital and Surplus, $7,500,000.00
Main Office, Court Street
Branch Office, Temple Place
SAFE DEPOSIT VAULTS AT BOTH OFFICES

CLASSIFIED LIST OF ADVERTISERS

ATTRACTIONS.
Castle Square Theatre.

BARBERS.
Rowan & Curry.
M. J. Hannigan.

BANKING HOUSES.
Old Colony Trust.
State Street Trust Co.

BOOKSTORE.
Old Corner Bookstore.

CIGARETTES.
Fatima.
Tasha.
Cobb, Bates & Yerxa.

CONFECTIONERY.
Apollo Chocolates.
Copley Square Drugs.

DRUGGISTS.
Copley Drug.

ENGINEERS.
Stone & Webster.

GLOVES.
Miss Fiske.
Fownes.

HARDWARE.
Wardsworth & Howland.

HATTERS.
Collins & Fairbanks.
Sphinx.

HOTELS.
Hotel Brunswick.
Hotel Cumberland.
American House.

JEWELERS.
Bent & Bush.

MEN'S FURNISHINGS.
Arrow collars.
Boston Garters.
Collins & Fairbanks.
Morse & Henderson.
C. F. Hovey & Co.
Ely Meyer & M. C. Simon.
Richardson's.
Noyes Bros.
Shuman & Co.
J. C. Littlefield.

PHOTOGRAPHERS.
Odin Fritz.

PRINTERS.
Geo. H. Ellis Co.

RESTAURANTS.
Copley Lunch.
Lombardi Inn.
Petit Lunch.
Preston's Coffee House.
Boston Dairy.
Landers Lunch Room.
Union Dining Room.

SHOES.
McMorrow.
Coes & Stodder.

SPORTING GOODS.
A. G. Spalding.

STATIONERS.
Faber Pencils.
Higgins' Ink.
Maclachlan.
Moores Pens.
Samuel Ward Co.

THEATER TICKETS.
Herrick.

TYPEWRITING.
Miss Sawyer.

TYPEWRITERS.
Model Typewriter Exchange.

RICHARDSON'S
Correct Clothes for Men
MADE IN NEW YORK
Alfred Benjamin & Co. MAKERS
We are the sole representatives in Boston.
THE Wm H. RICHARDSON CO.
388 WASHINGTON STREET
2ND BUILDING FROM FRANKLIN ST.
WE OCCUPY THE ENTIRE BUILDING